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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/776,775	02/09/2004	Ezra U. Pagel	ALI04001	3235

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EXAMINER

ZENATI, AMAL S

ART UNIT	PAPER NUMBER
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4183

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/776,775	Applicant(s) PAGEL ET AL.	
	Examiner AMAL ZENATI	Art Unit 4183	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>07/22/2004, 06/01/2004</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. **Claims 1 - 23** are rejected under 35 U.S.C 102 (b) as being anticipated by **Svoronos et al (US Patent # 5,802,161; hereinafter Svoronos)**

Consider **claim 1, Svoronos** clearly shows and discloses a system for coordinating the updating of contact records associated with one or more contact devices, the contact devices performing a campaign of outbound contact attempts with the contact records, the system comprising: a contact record database operable to communicate contact records with the one or more contact devices during the campaign, each contact record associating one or more contact individuals, one or more contact numbers and one or more contact results (col. 15, claim 12, lines 30 - 46); a contact update engine interfaced with the contact record database and operable to identify one or more contact records for update of the associated contact numbers based on one or more update factors (function or value entered by user) (col. 7, lines 54-61; col. 8, lines 23-26); an update resource interface operable to obtain updated contact numbers for the identified contact records from one or more update resources (col. 7, lines 14-16); and an update validation engine operable to validate updated contact records and communicate the validated contact records to the contact record database for appropriate action by the contact devices during the campaign (col. 9, lines 21-34).

Consider **claim 2, Svoronos** clearly shows the system, wherein the account update engine comprises a rules-based engine and the update factors comprise one or more rules, the rules- based engine

operable to identify one or more contact records for updating if the contact results associated with a contact record meet one or more of the rules (col. 12 , lines 1-7).

Consider **claim 3, Svoronos** clearly shows the system, wherein a rule comprises a contact result of an inoperable (wrong) number (col. 12, lines 13-14).

Consider **claim 4, Svoronos** clearly shows the system, wherein the contact results comprise the number of previous updates associated with a contact record and a rule comprises updating only accounts with less than a predetermined number of previous updates (col. 11, lines 55-61).

Consider **claim 5, Svoronos** clearly shows the system, wherein the update resource interface is further operable to select one of plural update resources based on the contact results and one or more update factors (col. 10, lines 41-46).

Consider **claim 6, Svoronos** clearly shows the system, wherein the account update engine comprises a predictive model and the update factors comprise one or more predictive parameters, the model operable to identify a contact record for updating if application of the contact results associated with the contact record predict a predetermined result (col. 11, lines 13-20).

Consider **claim 7, Svoronos** clearly shows the system, wherein the model comprises a logistic regression model of the probability to cure with an updated contact record (col. 11, lines 30-33).

Consider **claim 8, Svoronos** clearly shows and discloses a method for coordinating the updating of contact records, the method comprising: performing contact attempts with one or more contact devices using plural contact records, each contact record having contact information (col. 4, lines 64-65); identifying contact records having contact attempts with a result of no contact (col. 4, lines 11-14); selecting based on one or more update factors one or more of the identified contact records for updating of associated contact information (col. 4 , lines 64-67); obtaining updated contact information for the selected contact records from an update resource (col. 5 ,lines 1-3); an re-attempting contact by a contact device with the updated contact information (col. 5 , lines 26-30).

Consider **claim 9, Svoronos** clearly shows the method, wherein selecting based on one or more update factors further comprises selecting contact records having contact information that meets one or more rules (col. 12 , lines 1-7).

Consider **claim 10, Svoronos** clearly shows the method, wherein a rule comprises a delinquent balance of greater than a predetermined amount (col. 13, claim 2-a).

Consider **claim 11, Svoronos** clearly shows the method, wherein a rule comprises less than a predetermined number of previous contact information updates (col. 13, claim 2-a).

Consider **claim 12, Svoronos** clearly shows the method and the system, wherein selecting based on one or more update factors further comprises: applying the contact information to a model to predict a result of an update; and selecting contact records having a predetermined predicted result (col. 4, lines 21-22; and claim 6).

Consider **claim 13, Svoronos** clearly shows the method, wherein the predetermined predicted result comprises likelihood of cure from updated contact information resulting in value greater than the cost of the contact information update (col. 2, lines 65-67; col. 3, lines 1-4).

Consider **claims 14, Svoronos** clearly shows the method, wherein the model comprises a logistic regression model predictive of cost of contact (col. 4, line 20).

Consider **claim 15, Svoronos** clearly shows and discloses a system for contacting individuals, the system comprising: plural dialers, each dialer operable to dial outbound telephone calls to individuals, each individual having one or more associated contact records with one or more numbers for a dialer to dial (col. 5, lines 19-21 and line 26); a contact record database interfaced with the dialers and operable to provide the dialers with contact records to dial, the contact record database further operable to receive results of contact attempts by the dialers to the numbers of the contact records(col. 5, lines 27-34); a contact update engine interfaced with the contact record database and operable to select contact records to update associated contact numbers based on update factors (col. 15, lines 52-56); and an update resource

interface operable to obtain updates for the selected contact records from one or more update resources, the update resource interface communicating the updates to the contact record database for use by the dialers (col.16 , lines 1-6).

Consider **claim 16, Svoronos** clearly shows the system, wherein the contact update engine comprises a rules-based engine having a rule of obtaining an update for contact results of wrong number (col. 4 , lines 9-15).

Consider **claim 17, Svoronos** clearly shows the system, wherein the contact update engine comprises a model of the likelihood of success from a contact attempt with an updated contact number (col. 14, claim 5).

Consider **claim 18, Svoronos** clearly shows the system, wherein the contact record database provides updates (action result) to dialers on a real time basis (each contact attempt period) (col. 14, claim 8).

Consider **claim 19, Svoronos** clearly shows the system, wherein the update resource interface is further operable to select one of plural update resources to update a contact record based at least in part on update cost (col. 13, claim 3- f).

Consider **claim 20, Svoronos** clearly shows the system, 15 wherein an update comprises a confidence rating of the relative accuracy of the update (col. 11, lines 15-20).

Consider **claim 21, Svoronos** clearly shows the system, wherein the contact update engine is further operable to perform plural updates of selected contact records (col. 16, claim 12-f).

Consider **claims 22, Svoronos** clearly shows the system, wherein the contact update engine is further operable to cumulate updated contact information for use as update factors (col. 9, lines 24-33).

Consider **claim 23, Svoronos** clearly shows the system, wherein the contact update engine is further operable to incorporate updated information (wrong or no contact) in a subsequent update request (col. 14, claim 8).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Amal Zenati whose telephone number is (571)270-1947. The examiner can normally be reached on Monday-Friday from 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Len Tran can be reached on 571- 272- 1184. The fax phone number for the organization where this application or proceeding is assigned is 571- 571-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner Amal Zenati
/Amal Zenati/

March 3, 2008

/Len Tran/

Supervisory Patent Examiner, Art Unit 4183